

73049-420

7/9/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr. Nasser Assaf, Ph.D.
Valent BioSciences
870 Technology Way, Suite 100
Libertyville, IL 60048

JUL - 9 2013

Subject: Label Notification(s) for Pesticide Registration Notice 98-10

Dear Dr. Assaf:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated June 24, 2015 for the following product(s):

S-Fen 10MC

EPA Reg No. 73049-420

The new primary name for this product is S-Fen 10MC.

The Registration Division (RD) has conducted a review of this request for applicability under PR Notice 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact Linda A. DeLuise at 703-305-5428.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard J. Gebken", written over a large, stylized flourish.

Richard J. Gebken
Product Manager
Insecticide Branch
Registration Division (7504P)



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 73049-420	2. EPA Product Manager Mark Suarez	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Crossfire 10 MC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical to the product for which the notification and labeling to: EPA Reg. No. <u>JUL - 9 2013</u> Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

NOTIFICATION of Change of Primary Name per PR Notice 98-10 II A. From "Crossfire 10MC" to "S-Fen 10MC"; plus additional pack sizes (5, 30 & 55 gallons)

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
* Certification must be submitted				<input type="checkbox"/> Plastic	
If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container	<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 4 oz to 1 gallon; 5, 30 & 55 gallons		5. Location of Label Directions <input type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Nasser A. Assaf, Ph.D		Title Manager, Product Safety & Regulatory Affairs	
		Telephone No. (include Area Code) (847) 968-4788 nasser.assaf@valent.com	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature NAASSAF		3. Title Manager, Product Safety & Regulatory Affairs	
4. Typed Name Nasser A. Assaf, Ph.D		5. Date June 24, 2013	

Crossfire®10 MC**S-Fen 10 MC**

For use and storage by Professional pest control operators and livestock producers in livestock housing structures, including poultry houses and pet kennels, to control crawling insect pests where they crawl or [hide].

A microencapsulated insecticide approved for use in and around structures to control a variety of insect pests.

- **Controls Darkling Beetles**
- **Residual Control Of German Cockroaches For Up To 6 Weeks**

ACTIVE INGREDIENT:

Esfenvalerate (CAS No. 66230-04-4) 9.36%

OTHER INGREDIENTS*: 90.64%
100.00%

*Contains petroleum distillate.

EPA Registration No.: 73049-420
Lot No.

EPA Establishment No.

NOTIFICATION
JUL - 9 2013

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panel for Precautionary Statements

FIRST AID	
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when call a poison control center or doctor, or when going for treatment. In case of medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-877-315-9819.	
NOTE TO PHYSICIAN	
Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

Net. Wt. Lbs. (Kilos)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL BEFORE EACH USE OF THIS PRODUCT.

Use only in the areas described on this label.

Crossfire 10 MC Insecticide is designed for residual use only [as a general surface, spot and crack and crevice spray].

All outdoor application must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Treatment to soil or vegetation around structures;
2. Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and crevice applications, only.

Wear long-sleeved shirt and pants, shoes and socks, and use chemically resistant gloves when mixing or applying product.

This product can be mixed with an approved insect growth regulator in areas where these products are allowed to be sprayed. Please check specific label directions for these products before using.

DO NOT water the treated area to the point of run-off.

DO NOT make applications during rain.

DO NOT mix this product with disinfectants or surfactants.

DO NOT use strainers or screens finer than 50 mesh size.

DO NOT use in a fogger or as a space spray. Crossfire 10 MC will not damage surfaces which water alone will not damage.

DO NOT apply directly on animals or make interior applications of Crossfire 10 MC in areas where animals are present. Do not allow spray to contact animal feedstuffs, feed surfaces, troughs, watering equipment or water supplies.

DO NOT apply to or treat areas where livestock feed is present. Animals must be removed from area of treatment prior to application.

Keep all persons, especially children, and all pets out of areas being treated. Always make sure that surfaces are dry before allowing persons and/or animals to re-enter.

DO NOT leave product or product containers where children or pets can come in contact with it. Thoroughly wash food/feed-handling surfaces with soap and water if they become contaminated with this product.

Application is prohibited directly into sewers drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

When treating pet kennels, remove pets and cover pet's food and water dishes before spraying.

CROSSFIRE 10 MC INSECTICIDE CONTROLS: *Darkling Beetles* and other pests such as *Beetles*, *Boxelder Bugs*, *Cockroaches*, *Crickets*, *Earwigs*, *Millipedes*, *Pillbugs*, *Silverfish*, *Waterbugs*, *Palmetto Bugs* and *Sowbugs*.

DILUTION (Dilute ONLY with water):

Product will separate on standing. Shake container of Crossfire 10 MC thoroughly before diluting. To dilute, fill spray tank with the correct amount of water then add the appropriate amount of Crossfire 10 MC Insecticide as recommended in the dilution rate table below. Close sprayer [tank] securely and agitate [mix] well before beginning treatment. To ensure a uniformly diluted product, occasionally agitate while treating. Clean spray equipment before and after use.

Application of the 0.06% dilution is suitable for control of heavy infestations and gives at least six weeks of residual control of *German Cockroaches* on cement.

Application of 0.03% solution is suitable for control of light infestations and gives at least one week of residual control for *German Cockroaches*.

Dilution Rate:

To make a Solution of	Amount of Crossfire 10 MC needed	Amount of water needed
0.06%*	0.8 ounces	128 ounces (1 gallon)
0.03%*	0.4 ounces	128 ounces (1 gallon)

*percent active ingredient [esfenvalerate] in the diluted product.

Application Rate:

Rate	Amount of Crossfire 10 MC needed to cover 10,000 sq. ft.	Amount of Crossfire 10 MC needed to cover 20,000 sq. ft.
Heavy infestation	8 ounces	16 ounces
Moderate infestation	4 ounces	8 ounces

You may use larger or smaller amounts of water to obtain your solution as long as you apply the labeled amount of active ingredient to the area of treatment.

If re-infestation occurs, do not re-treat more frequently than once per week.

Spot and Crack & Crevice:

Apply in two-second bursts of spray per foot of area being treated. Avoid over applying this product. Dampen surfaces, but do not saturate or soak to the point of run off.

General Surface Spray Treatment

Apply Crossfire 10 MC as a general residual surface spray to control crawling insect pests in and around

livestock housing structures, including poultry houses and pet kennels. Apply diluted product at a rate of one (1) gallon or enough water to provide good coverage per 1000 square feet of surface area. Improved control will be seen when areas are cleaned prior to treatment and interior applications are supplemented with external perimeter treatments.

After treatment, old pet bedding should be removed and replaced with clean, fresh bedding. Old bedding should be thrown away and replaced or treated, then thoroughly cleaned [washed] before reusing. Do not permit humans or pets to come in contact with surfaces that have been treated with product until spray has dried. **DO NOT SPRAY ANIMALS [PETS] WITH THIS PRODUCT.** Use a product that is registered for use on animals when treating cats or dogs.

Building Perimeter Treatment:

To aid in the prevention of building infestations by *Darkling Beetles, Roaches, Crickets, Earwigs, Boxelder Bugs, Silverfish, Millipedes, Waterbugs, Beetles, Palmetto Bugs* and *Sowbugs (Pillbugs)*, treat a 2-6 foot band of soil or other substrate adjacent to buildings and building foundations to a height of 2 to 3 feet. Treat eaves, crawl spaces or other areas where these pests are active and may find entrance. Apply as a wet coarse spray at a rate of one (1) gallon of diluted product [spray mix] per 1000 square feet.

STORAGE AND DISPOSAL

Storage: Containers should be stored in a cool, dry, well, ventilated area. Keep containers closed when not in use.

Pesticide Disposal: DO NOT contaminate water, food, or feed by storage OR disposal. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying.

[5 gallons or less].

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal.

Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

[Greater than 5 gallons/50 lbs.]

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least on complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

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